

ABSTRACT

A synthetic urine formulation, a kit including the synthetic urine formulation and a method of preparing synthetic urine are described. The urine formulation includes urine components in dried form, concentrated form or normal concentration and a compound that, when added to water, increases the temperature of the water (a "heat activator"). When the urine components are present in dried form, the synthetic urine can be provided in one or two parts. When present in concentrated form or in normal concentration, the heat activator must be provided separately. Lithium chloride is a preferred heat activator. The components can be provided in kit form, including a measuring cup with a fill line, the powdered, concentrated or normal concentration synthetic urine components, and the heat activator. Optionally, but preferably, the kit also includes a temperature measuring device to ensure that the appropriate temperature is reached. The synthetic urine formulation includes an appropriate amount of individual components of human urine such that the sample can appear to be a genuine human urine sample, with components testing within normal limits.